

## FY 2011 - FY 2015 WATER SYSTEMS CAPITAL INVESTMENT PLAN

The Water Management Department is in the process of developing a Regional Integrated Water Resources Plan (IWRP). The plan will provide the City of Franklin a "road map" for making investments to improve water resources with a focus on sustainability and consideration of regional goals and partnerships.

While some of the projects presented in this section have been incorporated into the IWRP, this CIP is not inclusive of all of the projects being considered with the IWRP process.

Project	Category	Status	Fund	Secured Funding Offset	Prior Years	2011	2012	2013	2014	2015	Total	Potential Funding Offset
Downs Boulevard Water Transmission Main	Construction	Active	Water Access	\$ -	\$ -	\$ 1,978,090	\$ -	\$ -	\$ -	\$ -	\$ 1,978,090	\$ -
Downs Boulevard Water Transmission Main	Design	Complete	Water Access	\$ -	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ -
Hillsboro Road Water Line Relocation	Design	Active	Water Access	\$ -	\$ 134,884	\$ 8,376	\$ -	\$ -	\$ -	\$ -	\$ 143,260	\$ -
Hillsboro Road Water Line Replacement and Upgrades	Construction	Active	Water Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Southeast Corridor Water System Improvements	Construction	Active	Water Access	\$ -	\$ 312,995	\$ 590,180	\$ -	\$ -	\$ -	\$ -	\$ 903,175	\$ -
Southeast Corridor Water System Improvements	Design	Active	Water Access	\$ -	\$ 230,655	\$ 4,745	\$ -	\$ -	\$ -	\$ -	\$ 235,400	\$ -
11th Avenue and Park Street Water Line	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000	\$ -
11th Avenue and Park Street Water Line	Design	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -
Advanced Metering Infrastructure	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ 3,500,000	\$ -
Ash Drive Tank Access Road Repaving for Ash Drive, Cuid Lane, Carters Creek, Grassland and Long Lane Water Reservoirs	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ 20,764	\$ -	\$ -	\$ -	\$ -	\$ 20,764	\$ (19,726)
Water Treatment Plant Driveway and Parking Repairs	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
Automatic Flushing Devices	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000	\$ -
Bobby Drive Dead End Elimination	Design	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000	\$ -
Bobby Drive Dead End Elimination	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ 140,000	\$ -
Buckworth Water Line Replacement	Design	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ -
Buckworth Water Line Replacement	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
Carter Street, Mulberry Street, Strahl Street Water	Construction	Active	Water Rate Funded Capital	\$ -	\$ 123,840	\$ 93,253	\$ -	\$ -	\$ -	\$ -	\$ 217,093	\$ -
Carter Street, Mulberry Street, Strahl Street Water	Design	Active	Water Rate Funded Capital	\$ -	\$ 39,253	\$ 5,747	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -
Forrest Street Water Line Replacement	Design	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ -
Forrest Street Water Line Replacement	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	\$ -
Harpeth River Low Head Dam and Flow Monitoring Project	Construction	Design	Water Rate Funded Capital	\$ (350,000)	\$ -	\$ 500,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 750,000	\$ (250,000)
Old Carters Creek Pike Water Line Replacement	Design	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -
Old Carters Creek Pike Water Line Replacement	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000	\$ -
Water System Replacement and Rehabilitation	Design	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ 1,100,000	\$ 1,155,000	\$ 1,212,750	\$ 1,273,388	\$ 1,337,057	\$ 6,078,194	\$ -
Water SCADA Improvements	Equipment	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 300,000	\$ -
Adams Street Water Line Replacement	Design	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -
Adams Street Water Line Replacement	Construction	Concept	Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -
Raw Water Reservoir Rehabilitation	Construction	Active	Water Rate Funded Capital	\$ (1,000,000)	\$ 2,311,878	\$ 1,584,922	\$ -	\$ -	\$ -	\$ -	\$ 2,896,800	\$ -
Raw Water Reservoir Rehabilitation	Construction Services	Active	Water Rate Funded Capital	\$ -	\$ 36,679	\$ 146,921	\$ -	\$ -	\$ -	\$ -	\$ 183,600	\$ -

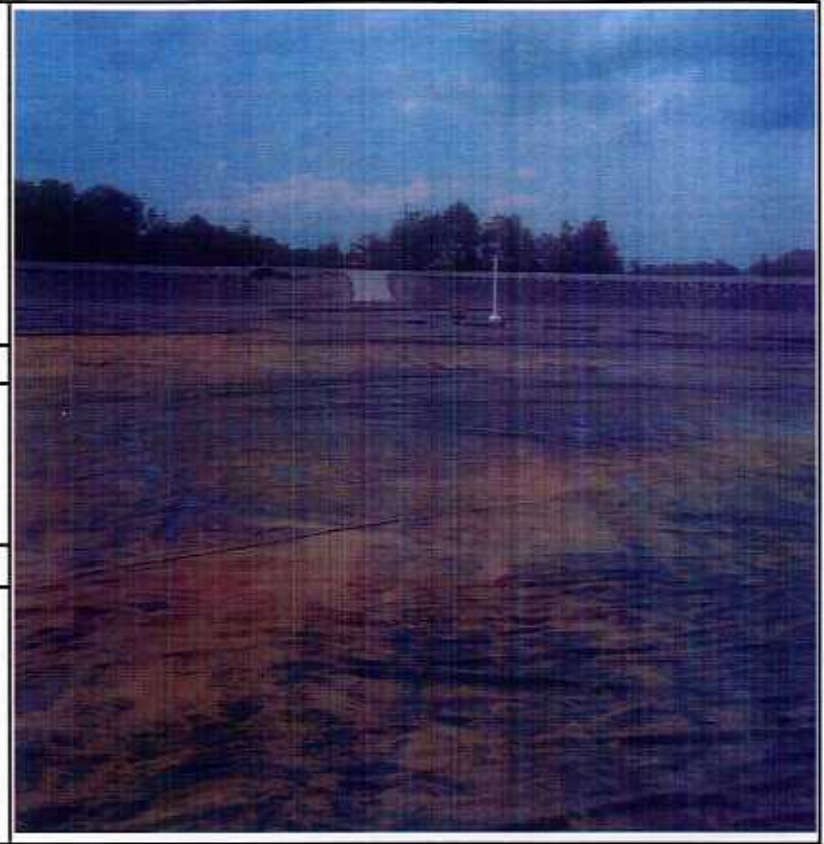
WATER TOTALS: \$ (1,350,000) \$ 3,465,184 \$ 6,038,998 \$ 2,835,000 \$ 2,837,750 \$ 2,913,388 \$ 1,782,057 \$ 18,522,376 \$ (269,726)

# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Raw Water Reservoir Rehabilitation
<b>Department Division:</b>	Water Treatment
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2009
<b>Estimated Date of Completion:</b>	FY 2011
<b>Description:</b>	
Rehabilitation of the raw water reservoir consisting of excavation to approximately 110 million gallon capacity and installation of an engineered liner to mitigate leaking issues	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget	Annual Cost/(Savings)
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel 0
___ Number of Positions	Operations 0
	Capital 0
	Other 0
	<u>Total 0</u>



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ 36,679	\$ 146,921	\$ -	\$ -	\$ -	\$ -	\$ 183,600
Construction / Improvements	\$ 2,311,878	\$ 1,584,922	\$ -	\$ -	\$ -	\$ -	\$ 3,896,800
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 2,348,557</b>	<b>\$ 1,731,843</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,080,400</b>

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ 2,348,557	\$ 731,843	\$ -	\$ -	\$ -	\$ -	\$ 3,080,400
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
<b>TOTAL</b>	<b>\$ 2,348,557</b>	<b>\$ 1,731,843</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,080,400</b>



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Adams Street Water Line Replacement
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2015
<b>Estimated Date of Completion:</b>	FY 2015
<b>Description:</b>	
Replace approximately 2,900 feet of various sized water distribution line on Adams Street from Carolyn Avenue to Lewisburg Pike. Existing infrastructure is aging and area requires improvements to water pressure and fire flow. Project will also positively affect water quality	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	
Number of Positions	Personnel 0 Operations 0 Capital 0 Other 0 Total 0



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
Construction / Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 280,000	\$ 280,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 280,000	\$ 280,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 280,000	\$ 280,000

# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Water SCADA Improvements
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2012
<b>Estimated Date of Completion:</b>	FY 2014
<b>Description:</b>	
Replace or upgrade existing SCADA system. Existing system is outdated and replacement equipment is no longer being manufactured. SCADA is necessary to adequately monitor and operate the distribution system finished water reservoirs (7), HVUD supply points (2), water booster stations (3 intended to be operated/monitored with SCADA, 5 stations total).	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget      Personnel      0	
Number of Positions      Operations      0	
Capital      0	
Other      0	
Total      0	



HISTORIC  
FRANKLIN  
TENNESSEE

EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction / Improvements	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 300,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 300,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 300,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 300,000




## Water Management

**City of Franklin, TN**

**FY 2011-2015 CIP**

<b>Project Name:</b>	Water System Replacement and Rehabilitation		
<b>Department Division:</b>	Water Distribution and Treatment		
<b>Project Number:</b>			
<b>Project Fund:</b>	Water Rate Funded Capital		
<b>Estimated Start Date:</b>	FY 2011		
<b>Estimated Date of Completion:</b>	Ongoing		
<b>Description:</b>			
Rate Funded Capital rehabilitation and replacement projects to maintain existing infrastructure. This CIP is intended to provide for ongoing replacement and rehabilitation of existing infrastructure. The Water Management Department is performing a condition assessment of infrastructure to help prioritize long term rehabilitation and replacement needs. Specific projects from this effort will be incorporated in future CIPs.			
<b>Impact on Operating Budget:</b>			
<input type="checkbox"/> Will Impact Operating Budget	Annual Cost/(Savings)		
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel		0
___ Number of Positions	Operations		0
	Capital		0
	Other		0
	<b>Total</b>		<b>0</b>



**HISTORIC  
FRANKLIN  
TENNESSEE**

EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction / Improvements	\$ -	\$ 1,100,000	\$ 1,155,000	\$ 1,212,750	\$ 1,273,388	\$ 1,337,057	\$ 6,078,194
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ 1,100,000	\$ 1,155,000	\$ 1,212,750	\$ 1,273,388	\$ 1,337,057	\$ 6,078,194

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ 1,100,000	\$ 1,155,000	\$ 1,212,750	\$ 1,273,388	\$ 1,337,057	\$ 6,078,194
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ 1,100,000	\$ 1,155,000	\$ 1,212,750	\$ 1,273,388	\$ 1,337,057	\$ 6,078,194

# Water Management

## City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Old Carters Creek Pike Water Line Replacement
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2012
<b>Estimated Date of Completion:</b>	FY 2012
<b>Description:</b>	
Replace 6" and 8" water main with 4" and 6" water main. Existing infrastructure is aging and has a high chlorine demand. Replacement will improve quality and pressure in the area.	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	
Number of Positions	Personnel 0 Operations 0 Capital 0 Other 0 Total 0



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Construction / Improvements	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000



# Water Management

## City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Forrest Street Water Line Replacement
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2012
<b>Estimated Date of Completion:</b>	FY 2012
<b>Description:</b>	
Replace 2" galvanized line with 900 feet of 6" ductile iron pipe. Project will improve water pressure, quality and fire protection.	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel      0
___ Number of Positions	Operations      0
	Capital      0
	Other      0
	<b>Total</b> 0



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000
Construction / Improvements	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Carter Street, Mulberry Street, Strahl Street Water
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2010
<b>Estimated Date of Completion:</b>	FY 2011
<b>Description:</b>	
Replace aging infrastructure and to improve distribution capability	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel      0
___ Number of Positions	Operations      0
	Capital      0
	Other      0
	<b>Total</b> 0



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ 39,253	\$ 5,747	\$ -	\$ -	\$ -	\$ -	\$ 45,000
Construction / Improvements	\$ 123,840	\$ 93,253	\$ -	\$ -	\$ -	\$ -	\$ 217,093
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 163,093	\$ 99,000	\$ -	\$ -	\$ -	\$ -	\$ 262,093

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ 163,093	\$ 99,000	\$ -	\$ -	\$ -	\$ -	\$ 262,093
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 163,093	\$ 99,000	\$ -	\$ -	\$ -	\$ -	\$ 262,093



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Buckworth Water Line Replacement
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2011
<b>Estimated Date of Completion:</b>	FY 2012
<b>Description:</b>	
Replace existing 6" transite line with 6" ductile iron pipe. The existing line is subject to breaking. Pipe material is obsolete making repairs difficult. Project anticipated to be designed and constructed with City staff.	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget	Annual Cost/(Savings)
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel 0
Number of Positions	Operations 0
	Capital 0
	Other 0
	<u>Total 0</u>



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000
Construction / Improvements	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ 6,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 56,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ 6,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 56,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ 6,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 56,000



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Bobby Drive Dead End Elimination
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2014
<b>Estimated Date of Completion:</b>	FY 2015
<b>Description:</b>	
Replace existing 2" and 4" line with 8" ductile iron pipe. The project will provide a secondary feed to the area and improve water quality, pressure, volume and subsequently fire flows. The work will be conducted on Bobby Drive from Hillsboro Road to Overlook Drive.	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings) <input checked="" type="checkbox"/> Will Not Impact Operating Budget      Personnel      0 Number of Positions      Operations      0 Capital      0 Other      0 Total      0	



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000
Construction / Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ 140,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 140,000	\$ 155,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 140,000	\$ 155,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 140,000	\$ 155,000




# Water Management

# City of Franklin, TN

# FY 2011-2015 CIP

<b>Project Name:</b>	Automatic Flushing Devices		
<b>Department Division:</b>	Water Distribution		
<b>Project Number:</b>			
<b>Project Fund:</b>	Water Rate Funded Capital		
<b>Estimated Start Date:</b>	FY 2013		
<b>Estimated Date of Completion:</b>	FY 2015		
<b>Description:</b>			
Install automatic flushing devices in locations subject to high water age system modeling. Devices flow water on a scheduled basis. Image presented is courtesy of <a href="http://www.hydro-guard.com">www.hydro-guard.com</a> and is intended to provide an example only. Unit cost is approximately \$3,200 plus installation. Installation intended to be accomplished with City staff. The devices will affect operating budget based on the amount of water flushed, however this is being performed through hydrant flushing presently.			
<b>Impact on Operating Budget:</b>			
<input type="checkbox"/> Will Impact Operating Budget	Annual Cost/(Savings)		
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel	0	
___ Number of Positions	Operations	0	
	Capital	0	
	Other	0	
	<b>Total</b>	<b>0</b>	



Hydroguard Flushing Device for Example Purposes Only

EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction / Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000

# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Water Treatment Plant Driveway and Parking Repairs
<b>Department Division:</b>	Water Treatment
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Rate Funded Capital
<b>Estimated Start Date:</b>	FY 2012
<b>Estimated Date of Completion:</b>	FY 2012

## Description:

Replace existing driveway and parking areas. Surfaces are aging and subjected to extended period of flooding and construction traffic

## Impact on Operating Budget:

<input type="checkbox"/> Will Impact Operating Budget	Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel	0
Number of Positions	Operations	0
	Capital	0
	Other	0
	<b>Total</b>	<b>0</b>



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction / Improvements	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,000</b>

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,000</b>



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Ash Drive Tank Access Road Repaving for Ash Drive, Curd Lane, Carters Creek, Grassland and Long Lane Water Reservoirs	
<b>Department Division:</b>	Water Distribution	
<b>Project Number:</b>		
<b>Project Fund:</b>	Water Rate Funded Capital	
<b>Estimated Start Date:</b>	FY 2011	
<b>Estimated Date of Completion:</b>	FY 2011	
<b>Description:</b>		
Improve access roads to finished water reservoirs from damage caused by May 1-2, 2010 storm. These repairs are likely to be covered through FEMA at 95%.		
<b>Impact on Operating Budget:</b>		
<input type="checkbox"/> Will Impact Operating Budget	Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel	0
Number of Positions	Operations	0
	Capital	0
	Other	0
	<b>Total</b>	<b>0</b>



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EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Construction / Improvements	\$ -	\$ 20,764	\$ -	\$ -	\$ -	\$ -	20,764
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	\$ -	\$ 20,764	\$ -	\$ -	\$ -	\$ -	20,764

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Access	\$ -	\$ 20,764	\$ -	\$ -	\$ -	\$ -	20,764
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	\$ -	\$ 20,764	\$ -	\$ -	\$ -	\$ -	20,764

# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<p><b>Project Name:</b> Advanced Metering Infrastructure</p> <p><b>Department Division:</b> Water Distribution</p> <p><b>Project Number:</b></p> <p><b>Project Fund:</b> Water Rate Funded Capital</p> <p><b>Estimated Start Date:</b> FY 2012</p> <p><b>Estimated Date of Completion:</b> FY 2014</p> <p><b>Description:</b>          To provide for better management tools, customer service, consumption accuracy, and operations efficiency. Currently evaluating long term operations and maintenance impacts. While the equipment may have increased cost, there is a potential for significant savings in terms of product, labor, fuel, and maintenance.</p> <p><b>Impact on Operating Budget:</b></p> <p><input checked="" type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)</p> <p><input type="checkbox"/> Will Not Impact Operating Budget</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">Personnel</td> <td style="width: 50%; text-align: right;">0</td> </tr> <tr> <td>Operations</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Capital</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: right;">0</td> </tr> <tr> <td><b>Total</b></td> <td style="text-align: right;"><b>0</b></td> </tr> </table>	Personnel	0	Operations	0	Capital	0	Other	0	<b>Total</b>	<b>0</b>	<p>The diagram illustrates the AMI system architecture. It includes a 'Tower Gateway Base Station' connected via a 'Phone Line 6220N' to a central system. The central system consists of a 'System Health Management' interface, a 'Data Warehouse' (represented by a cylinder), a 'Utility Interface', and 'Web Functions'. This central system is also connected to a 'Regional Network Interface' and a 'UTILITY OFFICE' building.</p>
Personnel	0										
Operations	0										
Capital	0										
Other	0										
<b>Total</b>	<b>0</b>										

EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction / Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ 3,500,000
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ 3,500,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ 3,500,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ 1,500,000	\$ -	\$ 3,500,000



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	11th Avenue and Park Street Water Line		
<b>Department Division:</b>	Water Distribution		
<b>Project Number:</b>			
<b>Project Fund:</b>	Water Rate Funded Capital		
<b>Estimated Start Date:</b>	FY 2012		
<b>Estimated Date of Completion:</b>	FY 2012		
<b>Description:</b>			
Project provides for improved pressures and volume to the southern and eastern portions of the service area. Required for long term service and reliability.			
<b>Impact on Operating Budget:</b>			
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)			
<input checked="" type="checkbox"/> Will Not Impact Operating Budget			
Number of Positions		Personnel	0
		Operations	0
		Capital	0
		Other	0
		<b>Total</b>	<b>0</b>



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
Construction / Improvements	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000

# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Southeast Corridor Water System Improvements	
<b>Department Division:</b>	Water Distribution	
<b>Project Number:</b>		
<b>Project Fund:</b>	Water Access	
<b>Estimated Start Date:</b>	FY 2008	
<b>Estimated Date of Completion:</b>	FY 2011	
<b>Description:</b>		
Project provides for improved pressures and volume to the southern and eastern portions of the service area. Required for long term service and reliability.		
<b>Impact on Operating Budget:</b>		
<input type="checkbox"/> Will Impact Operating Budget	Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	Personnel	0
___ Number of Positions	Operations	0
	Capital	0
	Other	0
	<b>Total</b>	<b>0</b>



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EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ 230,655	\$ 4,745	\$ -	\$ -	\$ -	\$ -	\$ 235,400
Construction / Improvements	\$ 312,995	\$ 590,180	\$ -	\$ -	\$ -	\$ -	\$ 903,175
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 543,650</b>	<b>\$ 594,925</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,138,575</b>

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ 543,650	\$ 594,925	\$ -	\$ -	\$ -	\$ -	\$ 1,138,575
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 543,650</b>	<b>\$ 594,925</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,138,575</b>



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Downs Boulevard Water Transmission Main
<b>Department Division:</b>	Water Distribution
<b>Project Number:</b>	
<b>Project Fund:</b>	Water Access
<b>Estimated Start Date:</b>	FY 2009
<b>Estimated Date of Completion:</b>	FY 2011
<b>Description:</b>	
Project provides for improved pressures and volume to the southern and eastern portions of the service area. Required for long term service and reliability.	
<b>Impact on Operating Budget:</b>	
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)	
<input checked="" type="checkbox"/> Will Not Impact Operating Budget	
Number of Positions	Personnel 0 Operations 0 Capital 0 Other 0 Total 0



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000
Construction / Improvements	\$ -	\$ 1,978,090	\$ -	\$ -	\$ -	\$ -	\$ 1,978,090
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 275,000	\$ 1,978,090	\$ -	\$ -	\$ -	\$ -	\$ 2,253,090

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ 275,000	\$ 1,978,090	\$ -	\$ -	\$ -	\$ -	\$ 2,253,090
SRF Loan - ARRA Forgiveness	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 275,000	\$ 1,978,090	\$ -	\$ -	\$ -	\$ -	\$ 2,253,090



# Water Management

# City of Franklin, TN

FY 2011-2015 CIP

<b>Project Name:</b>	Harpeth River Low Head Dam and Flow Monitoring Project		
<b>Department Division:</b>	Water Treatment		
<b>Project Number:</b>			
<b>Project Fund:</b>	Water Rate Funded Capital		
<b>Estimated Start Date:</b>	FY 2011		
<b>Estimated Date of Completion:</b>	FY 2012		
<b>Description:</b>			
Joint project with Harpeth River Watershed Association to remove existing low head dam and provide for cross veins to provide adequate impoundment for water withdrawal and improve habitat and recreation potential. There is a potential for additional contributions from private entities and state agencies. The project will not affect the City's ability to withdraw water for treatment			
<b>Impact on Operating Budget:</b>			
<input type="checkbox"/> Will Impact Operating Budget      Annual Cost/(Savings)			
<input checked="" type="checkbox"/> Will Not Impact Operating Budget			
Number of Positions		Personnel	0
		Operations	0
		Capital	0
		Other	0
		<b>Total</b>	<b>0</b>



EXPENDITURES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Construction Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction / Improvements	\$ -	\$ 500,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 1,100,000
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ -	\$ 500,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 1,100,000

REVENUES	Prior Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Totals
Water Rate Funded Capital	\$ -	\$ 150,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 750,000
Bond Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taps	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
<b>TOTAL</b>	\$ -	\$ 500,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 1,100,000